CLAIMS

What is claimed is:

1	1.	A cell-phone retractable earpiece comprising:
2		a phone-wire reel in a reel pocket on a cell phone that is attachable to
3	a cell-phone	e user;
4		phone wire in phone-electrical communication with the cell phone
5	proximate a	reel end of the phone wire that is attached to a reel axle onto which the
6	phone wire	is windable;
7		the reel axle being wind-tensioned to wind the phone wire onto the
8	phone-wire	reel in opposition to pulling the phone wire and locking the reel axle in
9	a selectively	y unwound mode;
10		an ear hook containing an ear-hook portion of the phone wire;
		the ear hook having an ear rest on a top of a user ear, an ear-aft
12	curvature a	nd a hook bottom proximate a bottom of the user ear;
13		an ear-size adjuster containing an adjuster portion of the phone wire and
14	having adju	stability of length of the ear-size adjuster intermediate the top of the ear
15	and an ear	cavity of the user's ear;
16		a sound reproducer on a bottom of the ear-size adjuster proximate the
17	ear cavity;	
18		a sound conveyor in sound communication intermediate the sound
19	reproducer	and a predetermined position in the ear cavity; and
20		a microphone on a microphone extension in phone-sound
21	communica	tion with the phone wire proximate a user's mouth.

1	2.	The cell-phone retractable earpiece of claim 1 wherein:	
2		the sound reproducer includes a miniature conical horn that circles an	
3	entrance to an inner portion of the user ear.		
1	3.	The cell-phone retractable earpiece of claim 1 wherein:	
2		the sound reproducer includes a tubular member that is extended	
3	predeterminedly towards an inner portion of the user ear.		
1	4.	The cell-phone retractable earpiece of claim 1 wherein:	
2		the ear hook includes an ear clamp having a first clamp jaw attached to	
3	ok and a second clamp jaw with an ear-grasp member attached to the		
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֓֞֞֝֟֟֟֝֟	5.	The cell-phone retractable earpiece of claim 4 wherein:	
2		the microphone is extended from the phone wire proximate the sound	
3	reproducer to proximate the mouth of the cell-phone user.		
the start			
1	6.	The cell-phone retractable earpiece of claim 4 wherein:	
2		the microphone is extended from the phone wire at proximate a bottom	
3	of the ear hook to proximate the mouth of the cell-phone user.		
1	7.	The cell-phone retractable earpiece of claim 1 wherein:	
2		the microphone is extended from the phone wire proximate the sound	
3	reproducer	to proximate the mouth of the cell-phone user.	

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1	8.	The cell-phone retractable earpiece of claim 1 wherein:
2		the microphone is on a retractable appendage for selectively retractable
3	positioning	of the microphone intermediate the phone wire and the user's mouth.

- 9. The cell-phone retractable earpiece of claim 4 wherein:
 the microphone is on a retractable appendage for selectively retractable positioning of the microphone intermediate the phone wire and the user's mouth.
 - 10 The cell-phone retractable earpiece of claim 1 wherein: the reel axle is wind-tensioned with an electrical motor.
 - 11. The cell-phone retractable earpiece of claim 1 wherein: the reel axle is wind-tensioned with a mechanical spring.
- 12. The cell-phone retractable earpiece of claim 1 wherein:
 the phone-wire reel is locked in the selectively unwound mode with a winding lock.
- 1 13. The cell-phone retractable earpiece of claim 12 wherein: 2 the winding lock includes a phone-wire clamp.

1	14.	The cell-phone retractable earpiece of claim 12 wherein:	
2		the winding lock includes an un-locker that unlocks the winding lock	
3	with an unlock communication to the winding lock.		
1	15.	The cell-phone retractable earpiece of claim 14 wherein:	
2		the unlock communication includes a double jerk of the phone wire.	
1	16	The cell phone retreatable cornices of claim 14 subgrains	
1	16.	The cell-phone retractable earpiece of claim 14 wherein:	
2		the unlock communication includes a predetermined touching of the reel	
3.	pocket.		
50 At the most time group are selected at the	17.	The cell-phone retractable earpiece of claim 1 wherein:	
2)		the phone wire has a length of approximately three feet.	
** *** *** *** **** **** **** **** **** ****	18.	The cell-phone retractable earpiece of claim 1 wherein:	
21 21		the phone wire is standard phone wire that is used commonly	
3-			
1	19.	The cell-phone retractable earpiece of claim 1 wherein:	
	17.		
2		the phone wire is customized phone wire having an insulated outside	
3	perimeter that is circumferential with a diameter of approximately two millimeters		
4	and contains all standard phone-wire lines with predeterminedly thin insulation or		
5	the phone-wire lines.		

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- 20. The cell-phone retractable earpiece of claim 1 wherein:
- 2 the reel pocket has a thickness of approximately one-quarter inch, a
- 3 width no greater than a width of the cell phone and a length no greater than a length
- 4 of the cell phone.

INVENTOR

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